



SEQUENCE LISTING

KIMURA, NAOKI
TOYOSHIMA, TOMOKO

<120> NOVEL SECRETORY MEMBRANE PROTEIN

<130> 14875-040003

<140> 10/802,332

<141> 2004-03-16

<150> US 09/855,266

<151> 2001-05-14

<150> US 09/411,722

<151> 1999-10-01

<150> PCT/JP98/01511

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<150> JP 9/099653

<151> 1997-04-01

<160> 14

<170> PatentIn version 3.3

<210> 1

<211> 176

<212> PRT

<213> Mus musculus

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Ser Tyr Ser Phe Asn Cys Pro Asp Gly Glu Tyr Gln Ser Asn Asp Val
35 40 45

Cys Cys Lys Thr Cys Pro Ser Gly Thr Phe Val Lys Ala Pro Cys Lys
50 55 60

Ile Pro His Thr Gln Gly Gln Cys Glu Lys Cys His Pro Gly Thr Phe
65 70 75 80

Thr Gly Lys Asp Asn Gly Leu His Asp Cys Glu Leu Cys Ser Thr Cys
85 90 95

Asp Lys Asp Gln Asn Met Val Ala Asp Cys Ser Ala Thr Ser Asp Arg
100 105 110

Lys Cys Glu Cys Gln Ile Gly Leu Tyr Tyr Tyr Asp Pro Lys Phe Pro
115 120 125

Glu Ser Cys Arg Pro Cys Thr Lys Cys Pro Gln Gly Ile Pro Val Leu
 130 135 140

Gln Glu Cys Asn Ser Thr Ala Asn Thr Val Cys Ser Ser Ser Val Ser
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Asn Pro Arg Asn Trp Leu Phe Leu Leu Met Leu Ile Val Phe Cys Ile
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 20 25 30

Ala Pro Cys Lys Ile Pro His Thr Gln Gly Gln Cys Glu Lys Cys His
 35 40 45

Pro Gly Thr Phe Thr Gly Lys Asp Asn Gly Leu His Asp Cys Glu Leu
 50 55 60

Cys Ser Thr Cys Asp Lys Asp Gln Asn Met Val Ala Asp Cys Ser Ala
 65 70 75 80

Thr Ser Asp Arg Lys Cys Glu Cys Gln Ile Gly Leu Tyr Tyr Tyr Asp
 85 90 95

Pro Lys Phe Pro Glu Ser Cys Arg Pro Cys Thr Lys Cys Pro Gln Gly
 100 105 110

Ile Pro Val Leu Gln Glu Cys Asn Ser Thr Ala Asn Thr Val Cys Ser
 115 120 125

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Val Phe Cys Ile
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ttc ctc ttg ctg ctg ctg aat ctg ttc ttg ccg gta ata ttt gct			98
Phe Leu Leu Leu Leu Leu Asn Leu Phe Leu Pro Val Ile Phe Ala			
15 20 25			
atg cct gaa tca tac tcc ttc aac tgt ccc gat ggt gaa tac cag tct			146
Met Pro Glu Ser Tyr Ser Phe Asn Cys Pro Asp Gly Glu Tyr Gln Ser			
30 35 40 45			
aat gat gtc tgt tgc aag acc tgt ccc tca ggt aca ttt gtc aag gcg			194
Asn Asp Val Cys Cys Lys Thr Cys Pro Ser Gly Thr Phe Val Lys Ala			
50 55 60			
ccc tgc aaa atc ccc cat act caa gga caa tgt gag aag tgt cac cca			242
Pro Cys Lys Ile Pro His Thr Gln Gly Gln Cys Glu Lys Cys His Pro			
65 70 75			
gga aca ttc aca ggg aaa gat aat ggc ctg cat gat tgt gaa ctt tgc			290
Gly Thr Phe Thr Gly Lys Asp Asn Gly Leu His Asp Cys Glu Leu Cys			
80 85 90			
tcc acc tgt gat aaa gac cag aat atg gtg gct gac tgt tct gcc acc			338
Ser Thr Cys Asp Lys Asp Gln Asn Met Val Ala Asp Cys Ser Ala Thr			
95 100 105			
agt gac cgg aaa tgc gag tgc caa ata ggt ctt tac tac tat gac cca			386
Ser Asp Arg Lys Cys Glu Cys Gln Ile Gly Leu Tyr Tyr Tyr Asp Pro			
110 115 120 125			
aaa ttt ccg gaa tca tgc cgc cca tgt acc aag tgt ccc caa gga atc			434
Lys Phe Pro Glu Ser Cys Arg Pro Cys Thr Lys Cys Pro Gln Gly Ile			
130 135 140			
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Pro Val Leu Gln Glu Cys Asn Ser Thr Ala Asn Thr Val Cys Ser Ser			
145 150 155			
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Ser Val Ser Asn Pro Arg Asn Trp Leu Phe Leu Leu Met Leu Ile Val			
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Phe Cys Ile			
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gaaactcagg atgaatggtc cactgtggtt cctattaaca tactgaagaa catgaccta	1179
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<210> 5
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 <212> DNA
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<210> 13
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Thr Lys Cys His Lys Gly Thr Tyr Leu Val Ser Asp Cys Pro Ser Pro
 20 25 30

Gly Arg Asp Thr Val Cys Arg Glu Cys Glu Lys Gly Thr Phe Thr Ala
 35 40 45

Ser Gln Asn Tyr Leu Arg Gln Cys Leu Ser Cys Lys Thr Cys Arg Lys
 50 55 60

Glu Met Ser Gln Val Glu Ile Ser Pro Cys Gln Ala Asp Lys Asp Thr
 65 70 75 80

Val Cys Gly Cys Lys Glu Asn Gln Phe Gln Arg Tyr Leu Ser Glu Thr
 85 90 95

His Phe Gln Cys Val Asp Cys Ser Pro Cys Phe Asn Gly Thr Val Thr
 100 105 110

Ile Pro Cys Lys Glu Thr Gln Asn Thr Val Cys
 115 120

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35	40	45	
Gly Leu His Asp Cys Glu Leu Cys Ser Thr Cys Asp Lys Asp Gln Asn			
50	55	60	
Met Val Ala Asp Cys Ser Ala Thr Ser Asp Arg Lys Cys Glu Cys Gln			
65	70	75	80
Ile Gly Leu Tyr Tyr Asp Pro Lys Phe Pro Glu Ser Cys Arg Pro			
85	90	95	
Cys Thr Lys Cys Pro Gln Gly Ile Pro Val Leu Gln Glu Cys Asn Ser			
100	105	110	
Thr Ala Asn Thr Val Cys			
115			